

Anti-SENTP6 antibody



Description	Rabbit polyclonal to SENP6.
Model	STJ95605
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human SENP6
Immunogen Region	1010-1090 aa, C-terminal
Gene ID	26054
Gene Symbol	SENTP6
Dilution range	IHC 1:100-1:300ELISA 1:10000
Specificity	SENTP6 Polyclonal Antibody detects endogenous levels of SENTP6 protein.
Tissue Specificity	Highly expressed in reproductive organs, such as testis, ovary and prostate.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Sentrin-specific protease 6 SUMO-1-specific protease 1 Sentrin/SUMO-specific protease SENTP6
Molecular Weight	126.146 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20944OMIM:605003
Alternative Names	Sentrin-specific protease 6 SUMO-1-specific protease 1 Sentrin/SUMO-specific protease SENP6
Function	Protease that deconjugates SUMO1, SUMO2 and SUMO3 from targeted proteins. Processes preferentially poly-SUMO2 and poly-SUMO3 chains, but does not efficiently process SUMO1, SUMO2 and SUMO3 precursors. Deconjugates SUMO1 from RXRA, leading to transcriptional activation. Involved in chromosome alignment and spindle assembly, by regulating the kinetochore CENPH-CENPI-CENPK complex. Desumoylates PML and CENPI, protecting them from degradation by the ubiquitin ligase RNF4, which targets polysumoylated proteins for proteasomal degradation. Desumoylates also RPA1, thus preventing recruitment of RAD51 to the DNA damage foci to initiate DNA repair through homologous recombination.
Cellular Localization	Nucleus

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com